

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b) Google Inc., a Delaware corporation, certifies that it is the assignee of 100% of the right, title and interest in the patent applications listed on the attached Appendix (Table 1) by virtue of assignments, including assignments from inventors of the patent applications. The assignments for these patent applications were recorded in the Patent and Trademark Office on the Real and Frame numbers provided in the Appendix (Table 1).

The undersigned, acting on behalf of the assignee, is empowered to act on behalf of the assignee and hereby revokes all powers of attorney previously granted in the applications and appoints the practitioners associated with PTO Customer Number 26192 to prosecute the application and to transact all business in the United States Patent and Trademark Office connected therewith.

All correspondence regarding the application should be sent to PTO Customer Number 26192.  
Direct all telephone calls to Hans R. Troesch, Reg. No. 36,950, at telephone number (650) 839-5070.

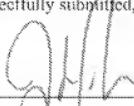
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

Date: January 13, 2011

Fish & Richardson P.C.  
PTO Customer No. 26192  
50742775.doc

ATTACHMENT: (Table 1: 22 pages)

  
Name: Donald Hanauer  
Title: Vice President, Deputy General Counsel  
& Assistant Secretary of  
Google Inc.  


**TABLE 1**

Attorney Docket No.	Application Serial No. Patent No.	Recordation Date Reel/Frame
16113-280002	4,941,178	FROM GTE LABORATORIES INCORPORATED TO VERIZON LABORATORIES INC. RECORDED 12/2/09 R/F 023586/0330  FROM VERIZON LABORATORIES INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023586/0173  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2801001	5,321,833	FROM INVENTORS TO GTE LABORATORIES INCORPORATED, A CORP. OF DE. RECORDED 9/21/90 R/F 005452/0269  FROM GTE LABORATORIES INCORPORATED TO VERIZON LABORATORIES INC. RECORDED 4/23/07 R/F 019193/0372  FROM VERIZON LABORATORIES INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023574/0995  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2802001	6,404,876	FROM INVENTORS TO GTE INTELLIGENT NETWORK SERVICES INCORPORATED AND GTE LABORATORIES INCORPORATED RECORDED 9/25/97 R/F 008835/0846  MERGER OF GTE INTELLIGENT NETWORK SERVICES INCORPORATED AND GENIUTY NETWORKS INC. RECORDED 9/29/10 R/F 025051/0817  FROM GTE LABORATORIES INCORPORATED TO VERIZON LABORATORIES INC. RECORDED 6/5/01 R/F 011635/0758  FROM GENIUTY NETWORKS INC. TO GTE SERVICE CORPORATION RECORDED 9/29/10 R/F 025051/0823  FROM GTE SERVICE CORPORATION TO VERIZON CORPORATE SERVICES GROUP INC. RECORDED 9/29/10 R/F 025051/0855  FROM VERIZON LABORATORIES INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023574/0995  FROM VERIZON CORPORATE SERVICES GROUP INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 9/29/10 R/F 025051/0846  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2802002	7,127,046	FROM INVENTORS TO GTE INTELLIGENT NETWORK SERVICES INCORPORATED AND GTE LABORATORIES INCORPORATED RECORDED 11/23/09 R/F 023556/0106  MERGER OF GTE INTELLIGENT NETWORK SERVICES INCORPORATED AND GENIUTY NETWORKS INC. RECORDED 9/29/10 R/F 025051/0817  FROM GTE LABORATORIES INCORPORATED TO VERIZON LABORATORIES INC. RECORDED 11/24/09 R/F 023585/0423  FROM GENIUTY NETWORKS INC. TO GTE SERVICE CORPORATION RECORDED 9/29/10 R/F 025051/0823  FROM GTE SERVICE CORPORATION TO VERIZON CORPORATE SERVICES GROUP INC. RECORDED 9/29/10 R/F 025051/0855  FROM VERIZON LABORATORIES INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023574/0995  FROM VERIZON CORPORATE SERVICES GROUP INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 9/29/10 R/F 025051/0846

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16113-2803001	5,241,619	<p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p> <p>FROM INVENTORS TO BOLT BERANEK AND NEWMAN INC., A MA CORP. RECORDED 8/16/91 R/F 005819/0819</p> <p>FROM BOLT BERANEK AND NEWMAN INC. TO BBN CORPORATION RECORDED 2/20/96 R/F 007813/0574; CORRECTED NOTICE TO CORRECT PROPERTY NUMBER - PREV R/F 007813/0574 - NOW 010682/0094</p> <p>FROM BOLT BERANEK AND NEWMAN, INC. TO BBN CORPORATION RECORDED 3/9/00 R/F 010676/0199; CORRECTED NTC RECORDED 7/3/00 R/F 010942/0874</p> <p>FROM BBN CORPORATION TO GENUITY SOLUTIONS INC. RECORDED 7/31/03 R/F 013835/0802</p> <p>FROM GENUITY SOLUTIONS INC. TO GTE SERVICES CORPORATION RECORDED 9/26/03 R/F 014007/0403</p> <p>FROM GTE SERVICE CORPORATION TO VERIZON CORPORATE SERVICES GROUP INC. RECORDED 8/19/09 R/F 023107/0836</p> <p>FROM VERIZON CORPORATE SERVICES GROUP INC. TO BBN SOLUTIONS LLC AND VERIZON CORPORATE SERVICES GROUP INC. RECORDED 5/18/04 R/F 014646/0093</p> <p>OF BBN SOLUTIONS LLC TO BBN TECHNOLOGIES CORP. RECORDED 6/7/06 R/F 017746/0377</p> <p>FROM VERIZON CORPORATE SERVICES GROUP INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023586/0084</p> <p>FROM BBN TECHNOLOGIES CORP. TO RAMP HOLDINGS, INC (F/K/A EVERYZING, INC.) RECORDED 2/23/10 R/F 023973/0141</p> <p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p>
16113-2804001	5,621,859	<p>FROM INVENTORS TO BOLT BERANEK AND NEWMAN INC. RECORDED 1/19/94 R/F 006851/0817</p> <p>FROM BOLT BERANEK AND NEWMAN INC. TO BBN CORPORATION RECORDED 2/20/96 R/F 007823/0837</p> <p>FROM BBN CORPORATION TO GENUITY SOLUTIONS INC. RECORDED 7/31/03 R/F 013835/0802</p> <p>FROM GENUITY SOLUTIONS INC. TO GTE SERVICES CORPORATION RECORDED 9/26/03 R/F 014007/0403</p> <p>FROM GTE SERVICE CORPORATION TO VERIZON CORPORATE SERVICES GROUP INC. RECORDED 10/1/03 R/F 014015/0900</p> <p>FROM VERIZON CORPORATE SERVICES GROUP INC. TO BBN SOLUTIONS LLC RECORDED 5/18/04 R/F 014646/0093</p> <p>OF BBN SOLUTIONS LLC AND BBN TECHNOLOGIES CORP. RECORDED 6/7/06 R/F 017746/0377</p> <p>FROM VERIZON CORPORATE SERVICES GROUP INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023586/0084</p> <p>FROM BBN TECHNOLOGIES CORP. TO RAMP HOLDINGS, INC. (F/K/A EVERYZING,</p>

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		INC.) RECORDED 2/23/10 R/F 023973/0141  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2805001	6,016,470	FROM INVENTOR TO GTE INTERNETWORKING INCORPORATED, A DE CORP. RECORDED 11/12/97 R/F 008815/0561  FROM GTE INTERNETWORKING INCORPORATED TO GENUTY INC. RECORDED 7/31/03 R/F 013835/0819  FROM GENUTY INC. TO GTE SERVICE CORPORATION RECORDED 9/23/03 R/F 013998/0083  FROM GTE SERVICES CORPORATION TO VERIZON CORPORATE SERVICES GROUP INC. RECORDED 10/1/03 R/F 014015/0862  FROM VERIZON CORPORATE SERVICES GROUP INC. TO BBN SOLUTIONS LLC AND VERIZON CORPORATE SERVICES GROUP INC. RECORDED 5/18/04 R/F 014646/0093  BBN SOLUTIONS LLC AND BBN TECHNOLOGIES CORP. RECORDED 6/7/06 R/F 017746/0377  FROM BBN TECHNOLOGIES CORP. TO RAYTHEON BBN TECHNOLOGIES CORP. RECORDED 6/11/10 R/F 024523/0625  FROM VERIZON CORPORATE SERVICES GROUP INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023586/0084  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2806001	6,311,182	FROM INVENTORS TO GTE INTERNETWORKING INCORPORATED RECORDED 5/4/98 R/F 009150/0536  FROM GTE INTERNETWORKING INCORPORATED TO GENUTY INC. RECORDED 6/4/01 R/F 011630/0612  GENUTY INC. TO GENUTY INC. AND GTE SERVICE CORPORATION RECORDED 6/4/01 R/F 011635/0073  FROM GTE SERVICE CORPORATION TO VERIZON CORPORATE SERVICES GROUP INC. RECORDED 6/18/02 R/F 012802/0946  FROM GENUTY, INC. TO LEVEL 3 COMMUNICATIONS, INC. RECORDED 3/23/05 R/F 016468/0239  FROM VERIZON CORPORATE SERVICES GROUP INC. TO BBN SOLUTIONS LLC AND VERIZON CORPORATE SERVICES GROUP INC. RECORDED 5/18/04 R/F 014646/0093  BBN SOLUTIONS LLC AND BBN TECHNOLOGIES CORP. RECORDED 6/7/06 R/F 017746/0377  FROM LEVEL 3 COMMUNICATIONS, INC. TO LEVEL 3 COMMUNICATIONS, LLC RECORDED 3/12/07 R/F 018989/0678  FROM BBN TECHNOLOGIES CORP. TO VERIZON CORPORATE SERVICES GROUP INC. RECORDED 11/15/07 R/F 020112/0322  FROM BBN TECHNOLOGIES CORP. TO VERIZON CORPORATE SERVICES GROUP INC. RECORDED 5/18/09 R/F 022703/0188

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		<p>FROM VERIZON CORPORATE SERVICES GROUP INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023586/0084</p> <p>FROM LEVEL 3 COMMUNICATIONS, LLC AND VERIZON CORPORATE SERVICES GROUP INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 7/27/10 R/F 024741/0340</p> <p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p>
16113-2806002	7,127,046	<p>FROM INVENTORS TO GTE INTERNETWORKING INCORPORATED RECORDED 11/23/09 R/F 023556/0119</p> <p>BBNT SOLUTIONS LLC TO BBN TECHNOLOGIES CORP. RECORDED 6/7/06 R/F 017746/0377</p> <p>GTE SERVICE CORPORATION TO VERIZON CORPORATE SERVICES GROUP INC. RECORDED 6/18/02 R/F 012810/0584</p> <p>FROM VERIZON CORPORATE SERVICES GROUP INC. TO BBNT SOLUTIONS LLC AND VERIZON CORPORATE SERVICES GROUP INC. RECORDED 5/18/04 R/F 014646/0093</p> <p>FROM GENUITY, INC. TO LEVEL 3 COMMUNICATIONS, INC. RECORDED 3/23/05 R/F 016468/0239</p> <p>FROM LEVEL 3 COMMUNICATIONS, INC. TO LEVEL 3 COMMUNICATIONS, LLC RECORDED 3/12/07 R/F 018989/0678</p> <p>BBN TECHNOLOGIES CORP. TO VERIZON CORPORATE SERVICES GROUP INC. RECORDED 11/15/07 R/F 020112/0322</p> <p>BBN TECHNOLOGIES CORP. TO VERIZON CORPORATE SERVICES GROUP INC. RECORDED 5/18/09 R/F 022703/0188</p> <p>VERIZON CORPORATE SERVICES GROUP INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023586/0084</p> <p>FROM LEVEL 3 COMMUNICATIONS, LLC AND VERIZON CORPORATE SERVICES GROUP INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 7/27/10 R/F 024741/0340</p> <p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p>
16113-2807001	5,865,626	<p>FROM INVENTORS TO BOLT BERANEK AND NEWMAN, INC. RECORDED 10/29/96 R/F 008213/0920</p> <p>BEHRINGERWERKE AKTIENGESELLSCHAFT TO BEHRING DIAGNOSTICS GMBH RECORDED 9/4/97 R/F 008842/0248</p> <p>BEHRING DIAGNOSTICS GMBH TO DADE BEHRING MARBURG GMBH RECORDED 5/14/98 R/F 009197/0667</p> <p>FROM BOLT BERANEK AND NEWMAN INC. TO BBN CORPORATION RECORDED 5/26/00 R/F 010881/0286</p> <p>BBN CORPORATION TO GENUITY SOLUTIONS INC. RECORDED 7/31/03 R/F 013835/0802</p> <p>GENUITY SOLUTIONS, INC. TO BBNT SOLUTIONS LLC RECORDED 10/14/03 R/F 014043/0569</p> <p>BBNT SOLUTIONS LLC TO VERIZON CORPORATE SERVICES GROUP INC. AND BBNT SOLUTIONS LLC RECORDED 5/4/04 R/F 014601/0448</p>

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		<p>BBNT SOLUTIONS LLC TO BBN SOLUTIONS LLC AND VERIZON CORPORATE SERVICES GROUP INC. RECORDED 5/18/04 R/F 014634/0525</p> <p>BBN SOLUTIONS LLC TO BBN TECHNOLOGIES CORP. RECORDED 6/7/06 R/F 017746/0377</p> <p>VERIZON CORPORATE SERVICES GROUP INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023586/0084</p> <p>BBN TECHNOLOGIES CORP. TO RAYTHEON BBN TECHNOLOGIES CORP. RECORDED 6/11/10 R/F 024523/0625</p> <p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p>
16113-2808001	5,960,399	<p>FROM INVENTORS TO GTE INTERNETWORKING INCORPORATED RECORDED 5/18/98 R/F 009175/0567</p> <p>GTE INTERNETWORKING INCORPORATED TO GENIUTY INC. RECORDED 7/31/03 R/F 013835/0819</p> <p>GENIUTY INC. TO GTE SERVICE CORPORATION RECORDED 9/23/03 R/F 013998/0083</p> <p>GTE SERVICES CORPORATION TO VERIZON CORPORATE SERVICES GROUP INC. RECORDED 10/1/03 R/F 014015/0862</p> <p>VERIZON CORPORATE SERVICES GROUP INC. TO BBNT SOLUTIONS LLC AND VERIZON CORPORATE SERVICES GROUP INC. RECORDED 5/18/04 R/F 014646/0093</p> <p>BBNT SOLUTIONS LLC AND BBN TECHNOLOGIES CORP. RECORDED 6/7/06 R/F 017746/0377</p> <p>VERIZON CORPORATE SERVICES GROUP INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023586/0084</p> <p>BBN TECHNOLOGIES CORP. TO RAMP HOLDINGS, INC. (F/K/A EVERYZING, INC.) RECORDED 2/23/10 R/F 023973/0141</p> <p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p>
16113-2809001	7,401,023	<p>FROM INVENTORS TO BBNT SOLUTIONS LLC RECORDED 9/27/00 R/F 011173/0853</p> <p>FROM INVENTORS TO BBNT SOLUTIONS LLC RECORDED 11/21/00 R/F 011120/0840</p> <p>BBNT SOLUTIONS LLC TO VERIZON CORPORATE SERVICES GROUP INC. AND BBNT SOLUTIONS LLC RECORDED 5/4/04 R/F 014601/0448</p> <p>BBNT SOLUTIONS LLC TO BBNT SOLUTIONS LLC AND VERIZON CORPORATE SERVICES GROUP INC. RECORDED 5/18/04 R/F 014634/0525</p> <p>BBNT SOLUTIONS LLC TO BBN TECHNOLOGIES CORP. RECORDED 6/7/06 R/F 017751/0049</p> <p>VERIZON CORPORATE SERVICES GROUP INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023586/0084</p> <p>BBN TECHNOLOGIES CORP. TO RAYTHEON BBN TECHNOLOGIES CORP. RECORDED 6/11/10 R/F 024523/0625</p> <p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p>

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16113-2810001	7,447,636	FROM INVENTORS TO BBNT SOLUTIONS LLC RECORDED 6/5/09 R/F 022813/0712  BBNT SOLUTIONS LLC TO BBN TECHNOLOGIES CORP. RECORDED 8/20/09 R/F 023119/0645  BBNT SOLUTIONS LLC TO VERIZON CORPORATE SERVICES GROUP INC. AND BBNT SOLUTIONS LLC RECORDED 12/1/09 R/F 023574/0861  VERIZON CORPORATE SERVICES GROUP INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023586/0084  BBN TECHNOLOGIES CORP. TO RAYTHEON BBN TECHNOLOGIES CORP. RECORDED 6/11/10 R/F 024523/0625  FROM INVENTORS TO BBNT SOLUTIONS LLC RECORDED 9/27/00 R/F 011003/0187  BBNT SOLUTIONS LLC TO VERIZON CORPORATE SERVICES GROUP INC AND BBNT SOLUTIONS LLC RECORDED 5/4/04 R/F 014601/0448  BBNT SOLUTIONS LLC TO BBNT SOLUTIONS LLC AND VERIZON CORPORATE SERVICES GROUP INC. RECORDED 5/18/04 R/F 014634/0525  BBNT SOLUTIONS LLC TO BBN TECHNOLOGIES CORP. RECORDED 6/7/06 R/F 017751/0049  VERIZON CORPORATE SERVICES GROUP INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023586/0084  BBN TECHNOLOGIES CORP. TO RAYTHEON BBN TECHNOLOGIES CORP. RECORDED 6/11/10 R/F 024523/0625  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2812001	6,496,843	FROM INVENTORS TO GTE LABORATORIES INCORPORATED DTD 6/14/99 R/F 010032/0986  GTE LABORATORIES INCORPORATED TO VERIZON LABORATORIES INC. RECORDED 1/23/01 R/F 012137/0934  VERIZON LABORATORIES INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023574/0556  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2813001	6,393,415	FROM INVENTORS TO GTE LABORATORIES INCORPORATED RECORDED 6/17/99 R/F 010030/0286  GTE LABORATORIES INCORPORATED TO VERIZON LABORATORIES INC. RECORDED 1/23/01 R/F 012137/0934  GTE LABORATORIES INCORPORATED TO VERIZON LABORATORIES INC. RECORDED 8/29/01 R/F 011919/0734  FROM VERIZON LABORATORIES INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023574/0995  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910

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16113-2813002	6,519,592	FROM INVENTORS TO GTE LABORATORIES INCORPORATED RECORDED 11/23/09 R/F 023556/0084  FROM GTE LABORATORIES INCORPORATED TO VERIZON LABORATORIES INC. RECORDED 11/24/09 R/F 023565/0423  FROM VERIZON LABORATORIES INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023574/0995  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2813003	6,643,640	FROM VERIZON LABORATORIES INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023574/0995  FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023586/0095  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2814001	6,421,683	FROM INVENTOR TO GTE LABORATORIES INCORPORATED RECORDED 6/17/99 R/F 010029/0978  FROM GTE LABORATORIES INCORPORATED TO VERIZON LABORATORIES INC. RECORDED 1/23/01 R/F 012137/0934  FROM VERIZON LABORATORIES INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023574/0995  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2814002	6,578,056	FROM INVENTOR TO GTE LABORATORIES INCORPORATED RECORDED 11/23/09 R/F 023556/0087  FROM VERIZON LABORATORIES INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023574/0995  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2815001	6,397,228	FROM INVENTORS TO GTE LABORATORIES INCORPORATED RECORDED 6/17/99 R/F 010029/0969  FROM GTE LABORATORIES INCORPORATED TO VERIZON LABORATORIES RECORDED 1/23/01 R/F 011286/0817  FROM VERIZON LABORATORIES INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023574/0995  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910

Attorney Docket No.	Application Serial No. Patent No.	Recordation Date Reel/Frame
16113-2816001	6,374,241	FROM INVENTORS TO GTE LABORATORIES INCORPORATED RECORDED 6/16/99 R/F 01029/0983  FROM GTE LABORATORIES INCORPORATED TO VERIZON LABORATORIES RECORDED 1/23/01 R/F 011286/0817  FROM VERIZON LABORATORIES INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023574/0995  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2817001	6,493,721	FROM INVENTORS TO GTE LABORATORIES INCORPORATED RECORDED 5/20/99 R/F 009971/0245  FROM GTE LABORATORIES INCORPORATED TO VERIZON LABORATORIES RECORDED 1/23/01 R/F 011286/0817  FROM VERIZON LABORATORIES INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023574/0995  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2818001	6,912,525	FROM INVENTORS TO GTE LABORATORIES INC. RECORDED 5/8/00 R/F 010802/0997  FROM GTE LABORATORIES INCORPORATED TO VERIZON LABORATORIES INC. RECORDED 4/18/03 R/F 013560/0557  FROM VERIZON LABORATORIES INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023574/0995  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2818002	11/138,028	FROM INVENTORS TO GTE LABORATORIES INCORPORATED RECORDED 12/5/08 R/F 021930/0949  FROM GTE LABORATORIES INCORPORATED TO VERIZON LABORATORIES INC. RECORDED 12/5/08 R/F 021931/0864  FROM VERIZON LABORATORIES INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023574/0995  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2818003	12/497,887	FROM VERIZON LABORATORIES INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023574/0995  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2819001	6,640,228	FROM INVENTORS TO VERIZON LABORATORIES INC.; REC. 3/3/03, R/F 013826/0559  FROM VERIZON LABORATORIES INC. TO VERIZON PATENT AND LICENSING INC.; REC. 12/1/09, R/F 023574/0995  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910

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16113-2820001	5,553,119	<p>INVENTORS TO BELL ATLANTIC NETWORK SERVICES, INC.; REC. 9/6/94, R/F 7182/0384</p> <p>FROM BELL ATLANTIC NETWORK SERVICES, INC. TO VERIZON SERVICES CORP.; REC. 11/24/09, R/F 023565/0420</p> <p>FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC.; REC. 12/01/09, R/F 023586/0095</p> <p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p>
16113-2821001	5,666,400	<p>FROM INVENTORS TO BELL ATLANTIC NETWORK SERVICES, INC.; REC. 12/12/94, R/F 007242/0270</p> <p>FROM BELL ATLANTIC SERVICES TO VERIZON SERVICES CORP.; REC. 11/24/09, R/F 023565/0420</p> <p>FROM VERIZON SERVICES CORP. TO VERIZON PATENT &amp; LICENSING INC.; rec. 12/01/09, r/f 023586/0095</p> <p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p>
16113-2822001	5,586,171	<p>FROM INVENTORS TO BELL ATLANTIC NETWORK SERVICES, INC.; R/F: 007323/0727 REC. 1/2/95</p> <p>CHANGE OF NAME FROM BELL ATLANTIC NETWORK SERVICES, INC TO VERIZON SERVICES CORP.; R/F:020762/0830 REC 4/7/08</p> <p>FROM VERIZON SERVICES CORP TO VERIZON PATENT AND LICENSING INC.; R/F: 023586/0095 REC. 12/1/09</p> <p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p>
16113-2823001	5,594,789	<p>FROM INVENTORS TO BELL ATLANTIC NETWORK SERVICES, INC.; R/F:007198/0573 REC. 10/13/94</p> <p>CHANGE OF NAME FROM BELL ATLANTIC NETWORK SERVICES, INC TO VERIZON SERVICES CORP.; R/F:020762/0830 REC 4/7/08</p> <p>CHANGE OF NAME FROM BELL ATLANTIC NETWORK SERVICES INC TO VERIZON SERVICES CORP.; R/F:020768/0651 REC 4/7/08;</p> <p>FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC.; R/F:023586/0095 REC. 12/1/09</p> <p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p>
16113-2824001	5,513,250	<p>FROM INVENTOR TO BELL ATLANTIC NETWRK SERVICES, INC; R/F:007181/0719 REC 10/13/94</p> <p>CHANGE OF NAME FROM BELL ATLANTIC NETWORK SERVICES, INC TO VERIZON SERVICES CORP.; R/F:023565/0420 REC. 11/24/09</p> <p>FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC.; R/F: 023586/0095 REC 12/1/09</p> <p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p>

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16113-2825001	5,655,007	FROM INVENTOR TO BELL ATLANTIC NETWORK SERVICES, INC; R/F: 007306/0583 REC. 12/23/94  CHANGE OF NAME FROM BELL ATLANTIC NETWORK SERVICES, INC. TO VERIZON SERVICES CORP.; R/F: 023565/0420 REC 11/24/09;  FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC. R/F: 023565/0095 REC 12/1/09;  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2826001	5,991,364	FROM INVENTORS TO BELL ATLANTIC NETWORK SERVICES, INC; R/F: 008702/0353 REC. 9/12/97  CHANGE OF NAME FORM BELL ATLANTIC NETWORK SERVICES, INC. TO VERIZON SERVICES CORP.; R/F:020762/0630 REC 4/7/08  CHANGE OF NAME FORM BELL ATLANTIC NETWORK SERVICES INC. TO VERIZON SERVICES CORP.; R/F:020768/0651 REC 4/7/08  FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC.; R/F: 023565/0095 REC 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2827001	5,978,450	FROM INVENTORS TO BELL ATLANTIC NETWORK SERVICES, INC; R/F:008707/0820 REC 9/9/97  CHANGE OF NAME FROM BELL ATLANTIC NETWORK SERVICES, INC. TO VERIZON SERVICES CORP.; R/F:023565/0420 REC 11/24/09  FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC. R/F: 023565/0095 REC. 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2828001	6,167,119	FROM INVENTORS TO BELL ATLANTIC NETWORK SERVICES, INC.; R/F: 008965/0334 REC. 1/12/98  CHANGE OF NAME FROM BELL ATLANTIC NETWORK SERVICES, INC. TO VERIZON SERVICES CORP.; R/F: 023565/0420 REC 11/24/09  FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC. ; R/F: 023565/0095 REC 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2829001	6,038,305	FROM INVENTORS TO BELL ATLANTIC NETWORK SERVICES, INC; R/F:008751/0194 REC 8/1/97  CHANGE OF NAME FROM BELL ATLANTIC NETWORK SERVICES, INC TO VERIZON SERVICES CORP.; R/F: 023565/0420 REC 11/24/09  FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC.; R/F: 023565/0095 REC'D 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910

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16113-283001	6,067,347	FROM INVENTORS TO BELL ATLANTIC NETWORK SERVICES, INC; R/F: 008951/0006 REC 12/23/97  CHANGE OF NAME FILED FROM BELL ATLANTIC NETWORK SERVICES, INC. TO VERIZON SERVICES CORP.; R/F: 023565/0420 REC 11/24/09  FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC.; R/F: 023586/0095 REC 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2831001	6,122,357	FROM INVENTORS TO BELL ATLANTIC NETWORK SERVICES, INC; R/F: 009127/0195 REC 4/8/98  CHANGE OF NAME FROM BELL ATLANTIC NETWORK SERVICES, INC TO VERIZON SERVICES CORP.; R/F: 023565/0420 RECD 11/24/09  FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC.; R/F: 023586/0095 REC 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2832001	6,404,858	FROM INVENTORS TO BELL ATLANTIC NETWORK SERVICES, INC; R/F: 009519/0652 REC 10/13/98  CHANGE OF NAME FROM BELL ATLANTIC NETWORK SERVICES, INC TO VERIZON SERVICES CORP. R/F: 012623/0618 REC 4/25/02  FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC.; R/F: 023586/0095 REC 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2832002	6,704,405	CHANGE OF NAME FROM BELL ATLANTIC NETWORK SERVICES, INC TO VERIZON SERVICES CORP.; R/F: 014269/0383 REC 1/20/04  FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC.; R/F: 023586/0095 REC 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2832003	6,829,332	CHANGE OF NAME FROM BELL ATLANTIC NETWORK SERVICES, INC TO VERIZON SERVICES CORP.; R/F: 013088/0095 REC 7/10/02  FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC.; R/F: 023586/0095 REC 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910

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16113-2833001	6,101,242	FROM INVENTORS TO BELL ATLANTIC NETWORK SERVICES, INC.; R/F: 008944/0379 REC 12/23/97  CHANGE OF NAME FROM BELL ATLANTIC NETWORK SERVICES, INC. TO VERIZON SERVICES CORP.; R/F: 023565/0420 REC 11/24/09  FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC.; R/F: 023586/0095 REC 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2834001	7,031,438	FROM INVENTORS TO BELL ATLANTIC NETWORK SERVICES, INC; R/F: 009601/0631 REC 11/17/98  CHANGE OF NAME FROM BELL ATLANTIC NETWORK SERVICES, INC TO VERIZON SERVICES CORP.; R/F: 013422/0824 REC 10/22/02  FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC.; R/F: 023586/0095 REC 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2835001	5,719,921	FROM INVENTORS, George J. Vysotsky, Vijay R. Raman, Jayant M. Nalk TO NYNEX SCIENCE & TECHNOLOGY, INC; R/F: 007974/0604 REC 2/29/96  FROM Ayman O. Asadi TO NYNEX SCIENCE & TECHNOLOGY, INC; R/F: 007974/0608 RECD 5/20/96  from David M. Lubensky TO NYNEX SCIENCE & TECHNOLOGY, INC; R/F: 008083/0036 REC 5/20/96  MERGER FROM BELL ATLANTIC SCIENCE & TECHNOLOGY, INC TO TELESECTOR RESOURCES GROUP, INC; R/F: 022703/0176 RECD 5/18/09  CHANGE OF NAME FROM NYNEX SCIENCE & TECHNOLOGY, INC. TO BELL ATLANTIC SCIENCE & TECHNOLOGY, INC; R/F: 022703/0192 REC 5/18/09  FROM TELESECTOR RESOURCES GROUP, INC. TO VERIZON PATENT AND LICENSING INC. ; R/F: 023586/0140 REC 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2835002	5,832,063	FROM INVENTORS TO NYNEX SCIENCE & TECHNOLOGY, INC; R/F: 023565/0141 REC 11/24/09  CHANGE OF NAME FROM NYNEX SCIENCE & TECHNOLOGY, INC TO BELL ATLANTIC SCIENCE & TECHNOLOGY INC; R/F: 023565/0320 REC 11/24/09  MERGER FROM BELL ATLANTIC SCIENCE & TECHNOLOGY INC. TO TELESECTOR RESOURCES GROUP, INC., R/F: 023574/0457 REC 11/30/09  FROM TELESECTOR RESOURCES GROUP, INC. TO VERIZON PATENT AND LICENSING INC.; R/F: 023586/0140 REC 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910

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16113-2835RE2	RE38,101	FROM INVENTORS TO NYNEX SCIENCE & TECHNOLOGY, INC. RECORDED 11/24/09 R/F 023565/0141  FROM NYNEX SCIENCE & TECHNOLOGY, INC. TO BELL ATLANTIC SCIENCE & TECHNOLOGY INC. RECORDED 11/24/09 R/F 023565/0320  BELL ATLANTIC SCIENCE & TECHNOLOGY, INC. AND TELESECTOR RESOURCES GROUP, INC. RECORDED 11/30/09 R/F 023574/0457  FROM TELESECTOR RESOURCES GROUP, INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023586/0140  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2836003	5,652,828	FROM INVENTOR TO NYNEX SCIENCE & TECHNOLOGY, INC; R/F: 023556/0200 REC 11/23/09  CHANGE OF NAME FROM NYNEX SCIENCE & TECHNOLOGY, INC TO BELL ATLANTIC SCIENCE & TECHNOLOGY, INC; R/F: 023565/0415 REC 11/24/09  MERGER FROM BELL ATLANTIC SCIENCE & TECHNOLOGY, INC. TO TELESECTOR RESOURCES GROUP, INC.; R/F: 023574/0457 REC 11/30/09  FROM TELESECTOR RESOURCES GROUP, INC. TO VERIZON PATENT AND LICENSING INC; R/F: 023586/0140 REC 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2836004	5,832,435	FROM INVENTOR TO NYNEX SCIENCE & TECHNOLOGY, INC; R/F: 023556/0200 REC 11/23/09  CHANGE OF NAME FROM NYNEX SCIENCE & TECHNOLOGY, INC TO BELL ATLANTIC SCIENCE & TECHNOLOGY, INC; R/F: 023565/0415 RECD 11/24/09  MERGER FROM BELL ATLANTIC SCIENCE & TECHNOLOGY, INC. TO TELESECTOR RESOURCES GROUP, INC; R/F: 023574/0457 REC 11/30/09  FROM TELESECTOR RESOURCES GROUP, INC. TO VERIZON PATENT AND LICENSING INC.; R/F: 023586/0140 REC 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2836005	5,751,906	FROM INVENTOR TO NYNEX SCIENCE & TECHNOLOGY, INC; R/F: 023556/0200 REC 11/23/09  CHANGE OF NAME FROM NYNEX SCIENCE & TECHNOLOGY, INC. TO BELL ATLANTIC SCIENCE & TECHNOLOGY, INC.; R/F: 023565/0415 REC 11/24/09  MERGER FROM BELL ATLANTIC SCIENCE & TECHNOLOGY, INC. TO TELESECTOR RESOURCES GROUP, INC.; R/F: 023574/0457 REC 11/30/09  FROM TELESECTOR RESOURCES GROUP, INC. TO VERIZON PATENT AND LICENSING INC.; R/F: 023586/0140 REC 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910

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16113-2836006	5,749,071	<p>FROM INVENTOR TO NYNEX SCIENCE TECHNOLOGY, INC; R/F: 023556/0200 REC 11/23/09</p> <p>CHANGE OF NAME FROM NYNEX SCIENCE &amp; TECHNOLOGY, INC. TO BELL ATLANTIC SCIENCE &amp; TECHNOLOGY, INC.; R/F: 023565/0415 REC 11/24/09</p> <p>MERGER FROM BELL ATLANTIC SCIENCE &amp; TECHNOLOGY, INC. TO TELESECTOR RESOURCES GROUP, INC; R/F: 023574/0457 REC 11/30/09</p> <p>FROM TELESECTOR RESOURCES GROUP, INC. TO VERIZON PATENT AND LICENSING INC.; R/F: 023586/0140 REC 12/1/09</p> <p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p>
16113-2836007	5,732,395	<p>FROM INVENTOR TO NYNEX SCIENCE &amp; TECHNOLOGY, INC.; R/F: 023556/0200 REC 11/23/09</p> <p>CHANGE OF NAME FROM NYNEX SCIENCE &amp; TECHNOLOGY, INC. TO BELL ATLANTIC SCIENCE &amp; TECHNOLOGY, INC.; R/F: 023565/0415 REC 11/24/09</p> <p>MERGER FROM BELL ATLANTIC SCIENCE &amp; TECHNOLOGY, INC. TO TELESECTOR RESOURCES GROUP, INC.; R/F: 023574/0457 REC 11/30/09</p> <p>FROM TELESECTOR RESOURCES GROUP, INC. TO VERIZON PATENT AND LICENSING. INC; R/F:023586/0140 REC 12/1/09</p> <p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p>
16113-2836008	5,890,117	<p>MERGER FROM BELL ATLANTIC SCIENCE &amp; TECHNOLOGY, INC. TO TELESECTOR RESOURCES GROUP, INC.; R/F: 022703/0176 REC 5/18/09</p> <p>CHANGE OF NAME FROM NYNEX SCIENCE &amp; TECHNOLOGY, INC. TO BELL ATLANTIC SCIENCE &amp; TECHNOLOGY, INC; R/F: 022703/0192 REC 5/18/09</p> <p>FROM INVENTOR TO NYNEX SCIENCE &amp; TECHNOLOGY, INC; R/F: 023556/0200 REC 11/23/09</p> <p>FROM TELESECTOR RESOURCES GROUP, INC. TO VERIZON PATENT AND LICENSING INC.; R/F: 023586/0140 REC 12/1/09</p> <p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p>
16113-2837002	5,745,649	<p>FROM INVENTOR TO NYNEX SCIENCE &amp; TECHNOLOGY, INC; R/F:023556/0140 REC 11/23/09</p> <p>CHANGE OF NAME FROM NYNEX SCIENCE &amp; TECHNOLOGY, INC TO BELL ATLANTIC SCIENCE &amp; TECHNOLOGY, INC; R/F: 023565/0415 REC 11/24/09</p> <p>MERGER FROM BELL ATLANTIC SCIENCE &amp; TECHNOLOGY, INC. TO TELESECTOR RESOURCES GROUP, INC; R/F: 023574/0457 REC 11/30/09</p> <p>FROM TELESECTOR RESOURCES GROUP, INC. TO VERIZON PATENT AND LICENSING INC.; R/F: 023586/0140 REC 12/1/09</p> <p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p>

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16113-2838001	5,803,059	FROM INVENTOR TO NYNEX SCIENCE AND TECHNOLOGY, INC; R/F:008935/0688 REC 12/1/97  CORRECTED DOCUMENT FROM INVENTOR TO NYNEX SCIENCE AND TECHNOLOGY, INC; R/F: 009045/0352 REC 4/6/98  MERGER FROM BELL ATLANTIC SCIENCE & TECHNOLOGY, INC. TO TELESECTOR RESOURCES GROUP, INC.; R/F: 022703/0176 REC'D 5/18/09  CHANGE OF NAME FROM NYNEX SCIENCE & TECHNOLOGY, INC. TO BELL ATLANTIC SCIENCE & TECHNOLOGY, INC; R/F: 022703/0192 REC 5/18/09  FROM TELESECTOR RESOURCES GROUP, INC. TO VERIZON PATENT AND LICENSING INC.; R/F: 023586/0140 REC 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2839001	5,842,165	FROM INVENTORS TO NYNEX SCIENCE AND TECHNOLOGY, INC; R/F:008793/0187 REC 11/7/97  MERGER FROM BELL ATLANTIC SCIENCE & TECHNOLOGY, INC. TO TELESECTOR RESOURCES GROUP, INC.; R/F: 022703/0176 REC 5/18/09  CHANGE OF NAME FROM NYNEX SCIENCE & TECHNOLOGY, INC. TO BELL ATLANTIC SCIENCE & TECHNOLOGY, INC; R/F:022703/0192 REC 5/18/09  FROM TELESECTOR RESOURCES GROUP, INC. TO VERIZON PATENT AND LICENSING INC.; R/F: 023586/0140  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2840002	5,495,553	FROM INVENTOR TO NYNEX CORPORATION; R/F: 023556/0128 REC 11/23/09  FROM NYNEX CORPORATION TO VERIZON PATENT AND LICENSING INC.; R/F: 023574/0472 REC 11/30/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2841001	5,148,488	FROM INVENTOR RICHARD HADDAD TO NYNEX CORPORATION; R/F: 005189/0742 REC 11/17/89  FROM INVENTOR WALTER YI-CHEN CHEN TO NYNEX CORPORATION; R/F: 005189/0744 REC 11/17/89  CORRECTIVE ASSIGNMENT FROM NYNEX CORPORATION TO VERIZON PATENT AND LICENSING INC.; R/F: 024906/0091 REC 8/30/10  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910

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16113-2842001	5,664,058	<p>FROM INVENTOR TO NYNEX SCIENCE AND TECHNOLOGY, INC; R/F: 006600/0362 REC 6/7/93</p> <p>MERGER FROM BELL ATLANTIC SCIENCE &amp; TECHNOLOGY, INC. TO TELESECTOR RESOURCES GROUP, INC; R/F: 022703/0176 RECD 5/18/09</p> <p>CHANGE OF NAME FROM NYNEX SCIENCE &amp; TECHNOLOGY, INC. TO BELL ATLANTIC SCIENCE &amp; TECHNOLOGY, INC.; R/F: 022703/0192 REC 5/18/09</p> <p>FROM TELESECTOR RESOURCES GROUP, INC. TO VERIZON PATENT AND LICENSING, INC.; R/F: 023586/0140 REC 12/1/09</p> <p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p>
16113-2843001	5,502,759	<p>FROM INVENTORS TO NYNEX SCIENCE &amp; TECHNOLOGY, INC.; R/F: 006606/0769 REC 6/23/93</p> <p>MERGER FROM BELL ATLANTIC SCIENCE &amp; TECHNOLOGY, INC. TO TELESECTOR RESOURCES GROUP, INC; R/F: 023574/0457 REC 11/30/09</p> <p>CHANGE OF NAME FROM NYNEX SCIENCE &amp; TECHNOLOGY, INC. TO BELL ATLANTIC SCIENCE &amp; TECHNOLOGY, INC.; R/F: 023565/0415 REC 11/24/09</p> <p>FROM TELESECTOR RESOURCES GROUP, INC. TO VERIZON PATENT AND LICENSING INC.; R/F: 023586/0140 REC 12/1/09</p> <p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p>
16113-2844001	6,014,624	<p>FROM INVENTOR TO NYNEX SCIENCE AND TECHNOLOGY, INC.; R/F: 008767/0330 REC 10/17/97</p> <p>MERGER FROM BELL ATLANTIC SCIENCE &amp; TECHNOLOGY, INC. TO TELESECTOR RESOURCES GROUP, INC.; R/F: 022703/0176 REC 5/18/09</p> <p>CHANGE OF NAME FROM NYNEX SCIENCE &amp; TECHNOLOGY, INC. TO BELL ATLANTIC SCIENCE &amp; TECHNOLOGY, INC.; R/F: 022703/0192 RECD 5/18/09</p> <p>FROM TELESECTOR RESOURCES GROUP, INC TO VERIZON PATENT AND LICENSING INC. R/F: 023586/0140 REC 12/1/09</p> <p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p>
16113-2845001	5,963,902	<p>FROM INVENTOR TO NYNEX SCIENCE &amp; TECHNOLOGY, INC; R/F: 008728/0303 REC 7/30/97</p> <p>MERGER FROM BELL ATLANTIC SCIENCE &amp; TECHNOLOGY, INC. TO TELESECTOR RESOURCES GROUP, INC; R/F: 022703/0176 REC 5/18/09</p> <p>CHANGE OF NAME FROM NYNEX SCIENCE &amp; TECHNOLOGY, INC. TO BELL ATLANTIC SCIENCE &amp; TECHNOLOGY, INC. R/F: 022703/0192 RECD 5/18/09</p> <p>FROM TELESECTOR RESOURCES GROUP, INC. TO VERIZON PATENT AND LICENSING INC. ; R/F: 023586/0140 REC 12/1/09</p> <p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p>

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16113-2846001	5,895,448	FROM INVENTORS TO NYNEX SCIENCE AND TECHNOLOGY, INC; R/F: 008795/0631 REC'D 11/7/97  MERGER FROM BELL ATLANTIC SCIENCE & TECHNOLOGY, INC. TO TELESECTOR RESOURCES GROUP, INC; R/F: 022703/0176 REC'D 5/18/09  CHANGE OF NAME FROM NYNEX SCIENCE & TECHNOLOGY, INC. TO BELL ATLANTIC SCIENCE & TECHNOLOGY, INC; R/F: 022703/0192 REC 5/18/09  FROM TELESECTOR RESOURCES GROUP, INC. TO VERIZON PATENT AND LICENSING, INC; R/F: 023586/0140 REC 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2846002	6,076,054	FROM INVENTORS TO NYNEX SCIENCE & TECHNOLOGY, INC; R/F: 023556/0180 REC 11/23/09  CHANGE OF NAME FROM NYNEX SCIENCE & TECHNOLOGY, INC. TO BELL ATLANTIC SCIENCE & TECHNOLOGY, INC; R/F: 023565/0415 REC 11/24/09  MERGER FROM BELL ATLANTIC SCIENCE & TECHNOLOGY, INC. TO TELESECTOR RESOURCES GROUP, INC.; R/F: 023574/0457 REC 11/30/09  FROM TELESECTOR RESOURCES GROUP, INC TO VERIZON PATENT AND LICENSING INC.; R/F: 023586/0140 REC 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2847001	6,229,880	FROM INVENTORS TO BELL ATLANTIC NETWORK SERVICES, INC; R/F: 009194/0011 REC 5/21/98  CHANGE OF NAME FROM BELL ATLANTIC NETWORK SERVICES, INC TO VERIZON SERVICES CORP.; R/F: 020762/0830 REC 4/7/08  CHANGE OF NAME FROM BELL ATLANTIC NETWORK SERVICES, INC. TO VERIZON SERVICES CORP.; R/F: 020768/0651 REC 4/7/08  FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC.; R/F: 023586/0095 REC 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2847002	6,741,677	CHANGE OF NAME FROM BELL ATLANTIC NETWORK SERVICES, INC. TO VERIZON SERVICES CORP; R/F: 014385/0170 REC 3/1/04  FROM INVENTORS TO BELL ATLANTIC NETWORK SERVICES, INC.; R/F: 023556/0151 REC 11/23/09  FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC.; R/F: 023586/0095 REC 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910

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16113-2848001	6,744,860	FROM INVENTOR TO BELL ATLANTIC NETWORK SERVICES, INC; R/F: 009702/0481 REC 12/31/98  CHANGE OF NAME FROM BELL ATLANTIC NETWORK SERVICES, INC. TO VERIZON SERVICES CORP.; R/F: 020762/0830 REC 4/7/08  CHANGE OF NAME FROM BELL ATLANTIC NETWORK SERVICES INC. TO VERIZON SERVICES CORP.; R/F: 020768/0651 REC 4/7/08  FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC. ;R/F:023586/0095 REC 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2849001	6,385,584	CHANGE OF NAME FROM BELL ATLANTIC NETWORK SERVICES, INC.; TO VERIZON SERVICES CORPORATION; R/F: 012332/0180 REC 11/30/01  CORRECTED RECORDATION TO CORRECT ASSIGNEE'S NAME PREVIOUSLY RECORDED AT R/F: 012332/0180; FROM BELL ATLANTIC NETWORK SERVICES, INC. TO VERIZON SERVICES CORP. ;R/F: 013276/0983 REC 9/10/02  FROM INVENTORS TO BELL ATLANTIC NETWORK SERVICES, INC; R/F:023556/0188 REC 11/23/09  FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC.; R/F: 023586/0095 REC 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2850001	7,260,187	FROM INVENTOR TO BELL ATLANTIC NETWORK SERVICES, INC; R/F: 009967/0304 REC. 5/11/99  CHANGE OF NAME FROM BELL ATLANTIC NETWORK SERVICES, INC. TO VERIZON SERVICES CORPORATION; R/F: 012332/0180 REC 11/30/01  CORRECTED RECORDATION TO CORRECT ASIGNEE'S NAME PREVIOUSLY RECORDED AT R/F: 012332/0180; FROM BELL ATLANTIC NETWORK SERVICES, INC. TO VERIZON SERVICES CORP.; R/F:013276/0983 REC 9/10/02  FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC. ; R/F: 023586/0095 REC 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2850002	11/767,853	FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC.;R/F: 023586/0095 REC 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910

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16113-2851001	6,421,672	FROM INVENTORS TO BELL ATLANTIC NETWORK SERVICES, INC.; R/F: 010139/0582 REC 7/27/99  CHANGE OF NAME FROM BELL ATLANTIC NETWORK SERVICES, INC. TO VERIZON SERVICES CORPORATION; R/F: 012332/0180 REC 11/30/01  CORRECTED RECORDATION TO CORRECT ASIGNEE'S NAME, PREVIOUSLY RECORDED AT R/F: 012332/0180; FROM BELL ATLANTIC NETWORK SERVICES, INC. TO VERIZON SERVICES CORP.; R/F: 013276/093 REC 9/10/02  FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC.; R/F: 023586/0095 REC 12/1/09  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2852001	6,823,306	FROM INVENTORS TO TELESECTOR RESOURCES GROUP, INC.; REC. 11/30/00, R/F 011324/0373  FROM TELESECTOR RESOURCES GROUP, INC. TO VERIZON PATENT AND LICENSING INC.; REC. 12/01/09, R/F 023586/0140  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2852002	10/861,781	FROM INVENTORS TO TELESECTOR RESOURCES GROUP, INC.; REC. 11/23/09, R/F 023557/0660  FROM TELESECTOR RESOURCES GROUP, INC. TO VERIZON PATENT AND LICENSING INC.; REC. 5/17/10, R/F 024393/0758  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2853001	7,027,568	FROM INVENTORS TO BELL ATLANTIC NETWORK SERVICES INC.; REC. 2/19/98, R/F 8980/0260  FROM BELL ATLANTIC NETWORK SERVICES INC. TO VERIZON SERVICES CORP.; REC. 2/1/06, R/F 017538/0682  FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC.; REC. 12/1/09, R/F 023586/0095  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2854001	5,638,425	FROM ALL INVENTORS (EXCEPT TRESSLER) TO BELL ATLANTIC NETWORK SERVICES INC.; REC. 3/1/95, R/F 7418/0602  FROM TRESSLER TO BELL ATLANTIC NETWORK SERVICES, INC.; REC. 3/1/95, R/F 7418/0606  FROM BELL ATLANTIC NETWORK SERVICES INC. TO VERIZON SERVICES CORP.; REC. 5/18/09, R/F 022703/0186  FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC.; REC. 12/1/09, R/F 023586/0095  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910

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16113-2855001	5,761,640	<p>FROM INVENTORS TO NYNEX SCIENCE &amp; TECHNOLOGY, INC.; REC. 12/18/95, R/F 7812/0965</p> <p>BELL ATLANTIC SCIENCE &amp; TECHNOLOGY, INC. WITH TELESECTOR RESOURCES GROUP, INC.; REC. 5/18/09, R/F 022703/0176</p> <p>FROM NYNEX SCIENCE &amp; TECHNOLOGY TO BELL ATLANTIC SCIENCE &amp; TECHNOLOGY, INC.; REC. 5/18/09, R/F 022703/0192</p> <p>FROM TELESECTOR RESOURCES GROUP, INC. TO VERIZON PATENT AND LICENSING INC.; REC. 12/1/09, R/F 023586/0140</p> <p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p>
16113-2856001	6,963,633	<p>FROM INVENTORS TO BELL ATLANTIC NETWORK SERVICES, INC.; REC. 6/30/00, R/F 010920/0580</p> <p>FROM BELL ATLANTIC NETWORK SERVICES INC. TO VERIZON SERVICES CORP.; REC. 8/5/05, R/F 016612/0581</p> <p>FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC.; REC. 12/1/09, R/F 023586/0095</p> <p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p>
16113-2857001	6,690,772	<p>FROM INVENTORS TO BELL ATLANTIC NETWORK SERVICES INC.; REC. 6/30/00, R/F 010911/0195</p> <p>FROM BELL ATLANTIC NETWORK SERVICES INC. TO VERIZON SERVICES CORP.; REC. 12/22/03, R/F 014217/0091</p> <p>FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC.; REC. 12/1/09, R/F 023586/0095</p> <p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p>
16113-2858001	6,744,861	<p>FROM INVENTORS TO BELL ATLANTIC NETWORK SERVICES INC.; REC. 6/30/00, R/F 010915/0166</p> <p>FROM BELL ATLANTIC NETWORK SERVICES INC. TO VERIZON SERVICES CORP.; REC. 4/13/2/04, R/F 014513/0555</p> <p>FROM VERIZON SERVICES CORP. TO VERIZON PATENT AND LICENSING INC.; REC. 12/1/09, R/F 023586/0095</p> <p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p>
16113-2859001	6,915,262	<p>FROM INVENTORS TO TELESECTOR RESOURCES GROUP, INC., REC. 11/30/00, R/F 011324/0378</p> <p>FROM TELESECTOR RESOURCES GROUP, INC. TO VERIZON PATENT AND LICENSING INC.; REC. 12/1/09, R/F 023586/0140</p> <p>FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910</p>

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16113-2859002	7,302,391	FROM INVENTORS TO TELESECTOR RESOURCES GROUP, INC.; REC. 11/23/09, R/F 023556/0167  FROM TELESECTOR RESOURCES GROUP, INC. TO VERIZON PATENT AND LICENSING INC.; REC. 12/01/09, R/F 023586/0140  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2859003	11/869,275	FROM TELESECTOR RESOURCES GROUP, INC. TO VERIZON PATENT AND LICENSING INC.; REC. 12/1/09, R/F 023586/0140  FROM INVENTORS TO TELESECTOR RESOURCES GROUP, INC.; REC. 9/22/10, R/F 025028/0055  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2860001	6,665,377	FROM INVENTORS TO VERIZON FEDERAL INC.; REC. 12/14/00, R/F 011359/0868  FROM VERIZON FEDERAL INC. TO VERIZON PATENT AND LICENSING INC.; REC. 11/25/09, R/F 023568/0337  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2861001	4,876,731	FROM INVENTORS TO NYNEX CORPORATION; REC. 2/19/88, R/F 4839/0942  FROM NYNEX CORPORATION TO VERIZON PATENT AND LICENSING INC.; REC. 11/30/09, R/F 023574/0472  FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910